

## Abstract

5        Method and Device for Controlling Frequency Selection  
          within a Wireless Communication System

10      The invention relates to a method and a device for controlling frequency selection within a wireless communication system in response to radar-like interference signals. The method comprises continuously or quasi-continuously monitoring and assessing a plurality of frequencies with respect to a radar-like interference signal and allocating a quality parameter to each assessed frequency, the quality parameter indicating the probability that the frequency is occupied. The method further comprises selecting one or more frequencies in dependence on the allocated quality parameters and subsequent frequency monitoring.

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(Fig. 2)